



2016 Sustainability Progress Report

Board Meeting
April 26, 2017

 **SOUNDTRANSIT**

2016 Sustainability Progress Report

- Sustainability Initiative Overview
- Key Accomplishments
 - Quantitative & qualitative goals
 - Integration into agency practices
- Recognition
- Continual Improvement

Sustainability



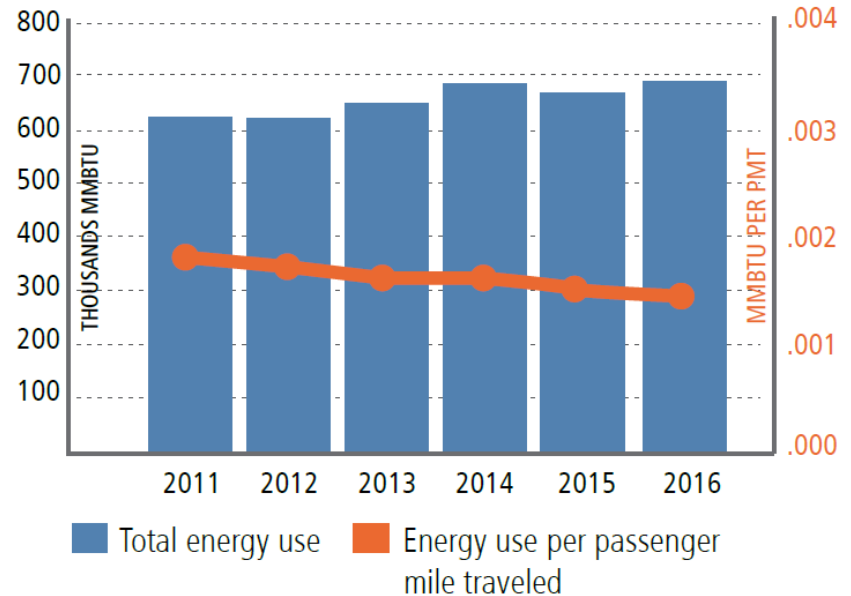
People - Planet - Prosperity

Maximizing efficiency

In 2016:

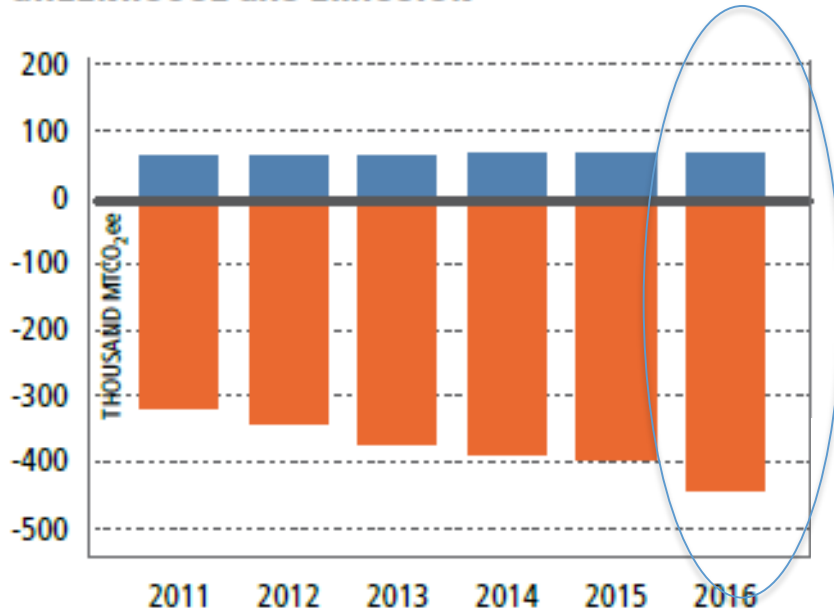
- 23% ridership increase
- 9% less energy per PMT
- **Moving more people using fewer resources**

REVENUE FLEET ENERGY USE



Regional environmental benefits

GREENHOUSE GAS EMISSION



2016:
12 % more
GHG savings

- Agency emissions from operations
- Regional emissions avoided when residents take transit

Regional environmental benefits

ST services avoid GHG emissions equivalent to:



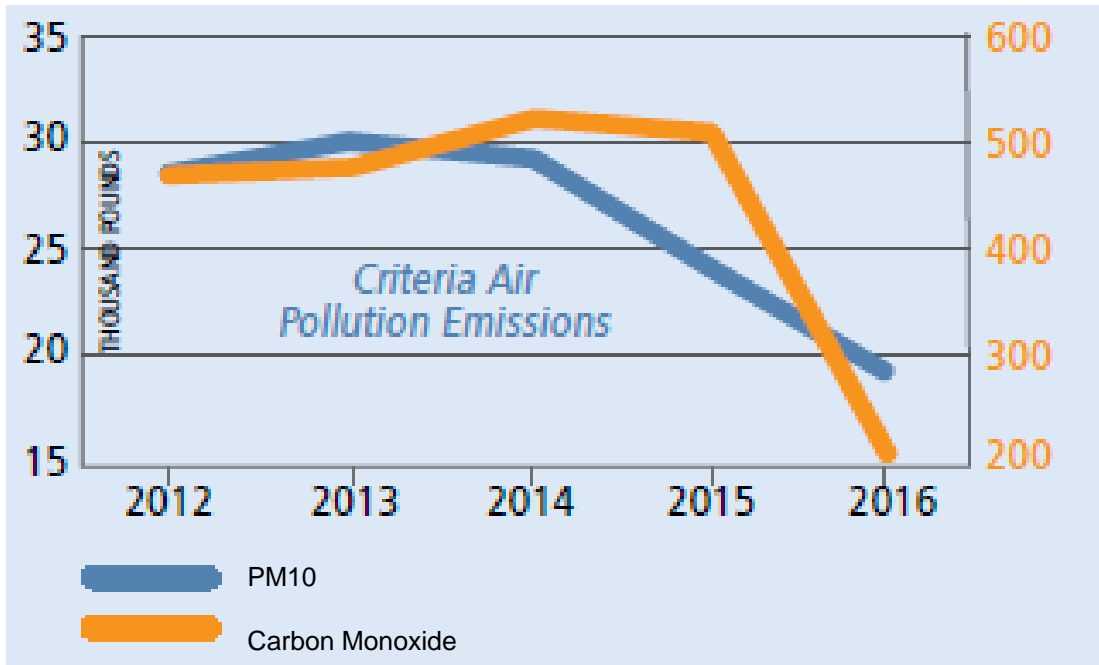
Powering more than
46,000 homes for a year



Burning **50 million**
gallons of gasoline

Significant pollution reduction

From ST Express bus and Sounder upgrades








2016 Reductions

PM10 25%

CO 59%

Meeting short term Sustainability Plan goals

-  *Reduce greenhouse gas emissions per vehicle by 5 percent.**
-  *Reduce vehicle pollution by 15 percent.**
-  *Decrease total energy use by 5 percent for all facilities built before 2015.*
-  *Divert 40 percent of office waste to recycling or compost.*
-  *Recycle 90 percent of construction and demolition materials.*

 Work needed

 On track


 Goals met

| * Data normalized by passenger miles traveled.

2016 Partnerships for Innovation

- PSE Green Direct Program
Enable 100% clean, wind energy for Link light rail accounts
- PSRC Regional Climate Collaborative
Enhance regional infrastructure resilience regionally

Planning sustainably

- Capital expansion projects include green infrastructure and building allowance
 - Environmental planning considers resilience
- 

Design & construction



- Installed 64 KW solar power array at Angle Lake Station
- Using green building certifications – LEED & ENVISION
- Restricted dirtiest diesel equipment at all construction sites

Environmental stewardship



- Maintained strong environmental compliance record
- Renewed focus on resource conservation

Our sustainability ethic

- ST3 reflects organization's sustainability commitment
- Launched **Sustainability Peer Recognition Program**
- **Think Before You Throw** Campaign



Recognition



NSF-ISR

Registered
to ISO 14001

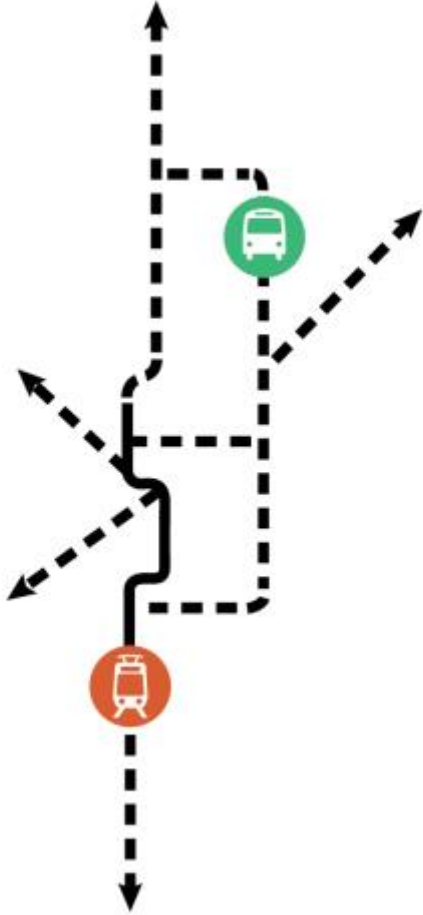


\$500 million

GREEN BONDS TO HELP FUND
REGIONAL TRANSIT PROJECTS



2017 and beyond



- Implementing ST3
- Upgrading ESMS to ISO 14001's 2015 standard
- Reducing construction pollution
- Deepening conservation efforts



For more @ ST Sustainability
[soundtransit.org/sustainability](https://www.soundtransit.org/sustainability)

Amy.Shatzkin@soundtransit.org

